



**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn:** Dawn Hall  
Environetics Inc.  
1617 Swift  
North Kansas City, MO. 64116

**Re:** Committee on Standards and Tests

**Issue:** Use of a UL 710 Self-Venting MTI – 40E Auto Fry Fryer for the AMC Theaters 600 North Michigan Avenue.

**Case:** 2017\_6A

Dear Dawn Hall,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to allow the use of one (1) Auto Fry MTI-40E ventless fryer for use at the AMC Theaters located at 600 North Michigan without installing a Type I cooking hood and associated grease duct system as required by Code Sections 18-28-507.2 and 18-28-507.2.1. This approval is subject to the following conditions:

1. The cooling and ventilation system for the system for the space containing the Auto Fry shall be designed and installed to handle any excess heat loads from the fryer.
2. The Auto Fry units Ansul systems must be inspected a minimum of 2 times annually.
3. The Auto Fry Fryer must be maintained in conformance with Manufacturer's guidelines and instructions.
4. At the time the Auto Fry unit is activated and fully ready for use, a technical representative from the Auto Fry Company must be onsite at 600 North Michigan to demonstrate the operation and maintenance of the fryer unit to the Department of Buildings Ventilation Inspectors. Coordination to schedule this meeting may be arranged by contacting Deputy Commissioner Carl Byrd ([carl.byrd@cityofchicago.org](mailto:carl.byrd@cityofchicago.org)) or Acting Ventilation Chief Inspector Bob Bernacki ([robert.bernacki@cityofchicago.org](mailto:robert.bernacki@cityofchicago.org)).
5. This Standards and Tests Approval letter must be scanned to the cover sheet of the Permit Plans and kept onsite to present to DOB Inspectors.

All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. A permit is required for this work. A signed hard paper copy of this communication will be mailed to you at a later date. Please contact your project administrator for further assistance.

Very truly yours,

  
Robert Fahlstrom

Manager of Regulatory Review - Chair of the Committee of Standards and Tests for Judith Frydland,  
Commissioner



**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn:** Dawn Hall  
Environetics Inc.  
1617 Swift  
North Kansas City, MO. 64116

**Re:** Committee on Standards and Tests

**Issue:** Use of a UL 710 Self-Venting MTI – 40E Auto Fry Unit at the Navy Pier IMAX Theater 600 West Grand Avenue.

**Case:** 2017\_7B

Dear Dawn Hall,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to allow the use of one (1) Auto Fry MTI-40E ventless fryer for use at the Navy Pier IMAX Theater AMC Theaters located at 600 East Grand without installing a Type I cooking hood and associated grease duct system as required by Code Sections 18-28-507.2 and 18-28-507.2.1. This approval is subject to the following conditions:

1. The cooling and ventilation system for the system for the space containing the Auto Fry shall be designed and installed to handle any excess heat loads from the fryer.
2. The Auto Fry units Ansul systems must be inspected at a minimum 2 times annually.
3. The Auto Fry Fryer must be maintained in conformance with Manufacturer's guidelines and instructions.
4. At the time the Auto Fry unit is activated and fully ready for use, a technical representative from the Auto Fry Company must be onsite at the Navy Pier IMAX Theater to demonstrate the operation and maintenance of the fryer unit to the Department of Buildings Ventilation Inspectors. Coordination to schedule this meeting may be arranged by contacting Deputy Commissioner Carl Byrd ( [carl.byrd@cityofchicago.org](mailto:carl.byrd@cityofchicago.org) ) or Acting Ventilation Chief Inspector Bob Bernacki ( [robert.bernacki@cityofchicago.org](mailto:robert.bernacki@cityofchicago.org) ).
5. This Standards and Tests Approval letter must be scanned to the cover sheet of the Permit Plans and kept onsite to present to DOB Inspectors.

All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. A permit is required for this work. A signed hard paper copy of this communication will be mailed to you at a later date. Please contact your project administrator for further assistance.

Very truly yours,

Robert Fahlstrom

Manager of Regulatory Review – For Commissioner Judith Frydland



**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn: Ameera Ashraf O'Neill**  
**Urban Works**  
**213 West Institute Place**  
**Suite 710**  
**Chicago, Illinois 60610**

**Re: Committee on Standards and Tests**

**Issue: Use of Intumescent Paint over existing Floor joists in a 3B Building to provide a one hour fire rating.**

**Case: 2017\_7C**

Dear Ameera Ashraf O'Neill,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to DENY your request to use an intumescent coating to provide equivalent one (1) hour fire protection to the first floor exposed wood joists as required by Code Section 13-60-100 and to require that a one hour fire rated fire assembly be provide to protect the bottom of the joists.

Very truly yours,

Robert Fahlstrom

Manager of Regulatory Review

Chair of the Committee of Standards and Tests

For Judith Frydland, Commissioner



**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn:** Christopher Chwedyck  
The Code Group  
111 East Washington Street  
Suite 450  
Chicago, Illinois 60602

**Re:** Committee on Standards and Tests

**Issue:** The Use of McKeon sliding oversize shutters with integral side swinging egress doors at levels one and two to protect the Chicago Children's Museum

**Case:** 2017\_7D

Dear Chris Chwedyck,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to approve your teams request for the installation and use of one 3 hour fire rated side activated fire shutter and one 3 hour fire rated overhead fire shutter at the 2<sup>nd</sup> floor level to provide the fire rated separation required by Code Section 13-84-050 between the circulation / gallery areas of the Navy Pier Family Pavilion and the Chicago Children's Museum. Both fire shutters will include integral side swinging egress doors and the 2<sup>nd</sup> floor fire shutter exceeds the size limitations for fire shutters of Code Section 15-12-120 (Maximum Size of Fire Doors and Shutters). No floor track will be provided for the side activated shutter. This approval is subject to the following conditions:

1. Audible and visual alarms shall be provided for both shutters which will be activated when the shutters begin to close to warn occupants that the shutters are closing.
2. The fire shutters shall be tested for closing 4 times per year. A record of these test will maintained on site by the Chicago Children's Museum for review by Building or Fire Department Inspectors upon request.
3. The system will be wired to the building emergency electrical system and provided with a battery backup system.
4. Permanent signage will be installed adjacent to both fire shutters stating "Do Not Block or Obstruct the Fire Shutter with Furniture or other Objects".
5. The integral side swinging egress door shall be provided with panic hardware / integral fire exit device on the side of the door inside of the Children's Museum.



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6. Initiation to close the fire shutters shall be by:
- Local smoke detectors placed no more than 5' - 0" from each side of the shutter.
  - Any signal from the Navy Pier Fire Alarm Panel including water flow and smoke detection.

All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. This Standards and Tests Approval letter must be scanned to the cover sheet of the Permit Plans and kept onsite to present to DOB Inspectors. A permit is required for this work. A signed hard paper copy of this communication will be mailed to you at a later date. Please contact your project administrator for further assistance.

Very truly yours,

Robert Fahlstrom

Manager of Regulatory Review

Chair of the Committee of Standards and Tests

For Judith Frydland, Commissioner



**DEPARTMENT OF BUILDINGS**

**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn:** David Schoning  
ML Group  
3424 Oakton Street  
Skokie, Illinois 60076

**Re:** Committee on Standards and Tests

**Issue:** The Installation and Use of a ventless combination LG Model # WM3884 Condensing Washing / Dryer In lieu of Meeting the CBC Requirements for Dryer Exhaust.

**Case:** 2017\_7E

Dear David Schoning,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests for the use of 207 LG Ventless Combination Washer/Dryer (Model # WM3884) at 420 West Belmont Avenue the Committee has voted to table your request and require a 2<sup>nd</sup> hearing of your case. You will be automatically re-scheduled for the August 16<sup>th</sup> hearing of the Committee on Standards and Tests and there will be no additional registration fee for this 2<sup>nd</sup> hearing. For the 2<sup>nd</sup> hearing please note the following:

1. You must bring the project MEP/ Illinois Licensed Professional Engineer to this meeting to discuss HVAC issues related to use of the LG Washer / Dryer unit.
2. Your Engineer shall be prepared to discuss:
  - Alternate approaches to meet or exceed the requirements for mechanical ventilation such as use of transfer air grills to spaces with exhaust fans or other potential solutions.
  - How is the condensed water disposed of and through what plumbing fixtures and appurtenances?

Very truly yours,

  
Robert Fahlstrom

Manager of Regulatory Review

Chair of the Committee of Standards and Tests

For Judith Frydland, Commissioner





**DEPARTMENT OF BUILDINGS**  
**CITY OF CHICAGO**

**COMMITTEE ON STANDARDS AND TESTS**

July 25th, 2017

**Attn:** John Mammoser  
Jensen Hughes  
600 West Fulton Street - Suite 500  
Chicago, Illinois 60076

**Re:** Committee on Standards and Tests

**Issue:** Life Safety Upgrades required for below ground Assembly Space at 1060 West Addison Street (Wrigley Field).

**Case:** 2017\_7F

Dear John Mammoser,

In response to your, July 19th, 2017 presentation to the Committee on Building Standards Tests, the Committee has voted to approve the installation and use of Large Assembly spaces (C-1) to be located 18'-9" below grade at Wrigley Field (1060 West Addison) with an occupant load of 1,289 occupants. These spaces will include training rooms, umpire locker rooms, player locker rooms, batting cages and 3 VIP lounges (The 1<sup>st</sup> Base Club, The 3<sup>rd</sup> base Club and the 1914 Club). The depth below grade exceeds the limits of Code Section 13-84-040 (Special Height Limitations) which mandates that assembly spaces in buildings other than type IA or IB construction may be located no more than 10'-0" below grade (Wrigley Field is an open air stadium of Type II (Non-Combustible Construction)).

This approval is subject to the following conditions:

1. The below grade spaces will be constructed of IA construction and this lower level will be separated from above ground stadium spaces by a 4 hour fire rated concrete slab.
2. 7 exits will be provided to the upper concourse level above.
3. A manually activated smoke HVAC purge system will be provided throughout the lower level with activation switches at the fire command panels. The permanent label for these switches will state - "Basement Smoke Exhaust System". This smoke purge system will be sized and designed to provide a minimum of 4 air changes per hour.
4. Fire Alarm System smoke detectors installed in conformance with NFPA 72 will be installed throughout this lower level to provide early notification to occupants.
5. CO Detection will be provided in the 3 clubs and food service areas.



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6. This lower level will sprinkler system will be designed and installed to meet CBC spacing and density requirements for "Ordinary Hazard"
7. A Fireman's "one way" way voice communication system will be provided throughout the lower level.
8. Standpipes with Fire Hose Valves will be installed at required locations at the level.

All other Building Code requirements shall be met. This installation is site specific and shall not be viewed as a precedent. This Standards and Tests Approval letter must be scanned to the cover sheet of the Permit Plans and kept onsite to present to DOB Inspectors. A permit is required for this work. A signed hard paper copy of this communication will be mailed to you at a later date. Please contact your project administrator for further assistance.

Very truly yours,

Robert Fahlstrom

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For Judith Frydland, Commissioner